MITSUBISHI ELECTRIC

TECHNICAL BULLETIN

[Issue No.] FA-A-0023-E
[Title] Applicable products for C Controller module
[Date of Issue] February 2009 (Ver. E: July 2015)
[Relevant Models] Q12DCCPU-V, Q24DHCCPU-V, R12CCPU-V

Thank you for your continued support of Mitsubishi programmable controllers, MELSEC-Q series and MELSEC iQ-R series.

This bulletin introduces products applicable to C Controller module.
For the product availability, please contact the manufacturer.

Category	Description
Applicable products	Applicable products are products that satisfy the interface specifications of the modules manufactured by Mitsubishi. Note that Mitsubishi does not conduct verification of the applicable products. When applying the product, make sure to examine the applicability and confirm that it will not cause system operation problems. Follow the specifications of each product (applicable product) when using.
Discontinued Products	Discontinued products are products that had been introduced as applicable products in the previous technical bulletin; however, the product availability is currently low because of such as production discontinuation.

1. PRECAUTIONS

Specifications of the applicable products are subject to change without notice.
Before using the product, please read "SAFETY PRECAUTIONS" of C Controller module User's Manual.
For precautions on the connecting, disconnecting, and wiring to the module of each product, refer to the manual for respective modules.

1.1 Precautions for SD memory cards and CompactFlash cards

- The number of writings for SD memory cards and CompactFlash cards is limited. For details, refer to the specifications of the product.
- Do not perform the following operations while accessing the SD memory card/CompactFlash card; powering OFF/resetting C Controller module, restarting the user CPU, or unmounting/removing the SD memory card/CompactFlash card. Doing so may cause data corruption in the card or file system error.
  Stop the file access before executing any of the above operations.
- Touch the grounded metal to discharge the electricity charged in your body before touching the SD memory card/CompactFlash card. Failure to do so may cause a failure or a malfunction on the SD memory card/CompactFlash card.

1.2 Precautions for USB devices

- Do not perform the following operations while accessing the USB device; powering OFF/resetting C Controller module, restarting the user CPU, or disconnecting the USB device. Doing so may cause data corruption in the USB device or failure of the USB device.
  Stop the file access before executing any of the above operations.

2. SD MEMORY CARDS

Relevant models	Category	Manufacturer	Product name	Storage capacity
Q24DHCCPU-V	Applicable products	MISUMI Group Inc.*1	NSDA-016GK (H00AEI	16GB
			NSDA-008GK (H00AEI	8GB
			NSDA-004GK (H00AEI	4GB
			NSD6-002GK (H00ADI	2GB
	Discontinued Products		NSDA-016GK (H00ACI	16GB
			NSDA-008GK (H00ACI	8GB
			NSDA-004GK (H00ACI	4GB
			NSD6-002GK (H00ACI	2GB

*1 www.misumi.co.jp/english

3. CompactFlash CARDS

Relevant models	Category	Manufacturer	Product name	Storage capacity
Q12DCCPU-V	Applicable products	MISUMI Group Inc.	MCF-10P008GS-A01ACI-S-R	8GB
			MCF-10P004GS-A01ACI-S-R	4GB
			MCF-10P002GS-A01ACI-S-R	2GB
			MCF-10P001GS-A01ACI-S-R	1GB
			MCF-10P512MS-A01ACI-S-R	512MB
	Discontinued Products	Transcend Information, Inc.	TS8GCF100I	8GB
			TS4GCF100I	4GB
			TS2GCF100I	2GB
			TS1GCF100I	1GB
			TS512MCF100I	512MB

4. USB DEVICES

4.1 External HDD

Relevant models	Category	Manufacturer	Product name	Storage capacity
R12CCPU-V	Applicable products	Transcend Information, Inc.	TS3TSJ35T3	3TB
Q24DHCCPU-V			TS2TSJ35T	2TB

TRADEMARKS
CompactFlash is either trademark or registered trademark of SanDisk Corporation in the United States and other countries.
All other company names and product names used in this technical bulletin are either trademarks or registered trademarks of their respective companies.

REVISIONS

Version	Print Date	Revision
-	February 2009	First edition
A	March 2011	Minor revision
B	July 2012	Applicable products have been reviewed.
C	November 2012	Applicable products for Q24DHCCPU-V have been added.
D	August 2013	Due to the discontinuation of the SD memory card, “2. SD memory cards” has been modified.
E	July 2015	Complete revision (layout change) Applicable products for R12CCPU-V have been added.